

HEAT TRANSFER MATERIAL HAVING MELTABLE LAYERS
SEPARATED BY A RELEASE COATING

Abstract of the Disclosure

The present invention is directed to a heat transfer material containing a first (interior) meltable layer, a second (surface) meltable layer, and a release coating layer separating the first and second meltable layers. During a transfer process, the first (interior) meltable layer, release coating layer, and second (surface) meltable layer penetrate into the yarn interstices, or other undulations, of a given substrate to be coated. Only the second (surface) meltable layer transfers to the substrate, resulting in a thinner transfer coating compared to conventional coatings.

The present invention is also directed to a method of making a printable heat transfer material and a method of forming an image-bearing coating on a surface of a substrate using the printable heat transfer material in a hot or cold peelable transfer process.